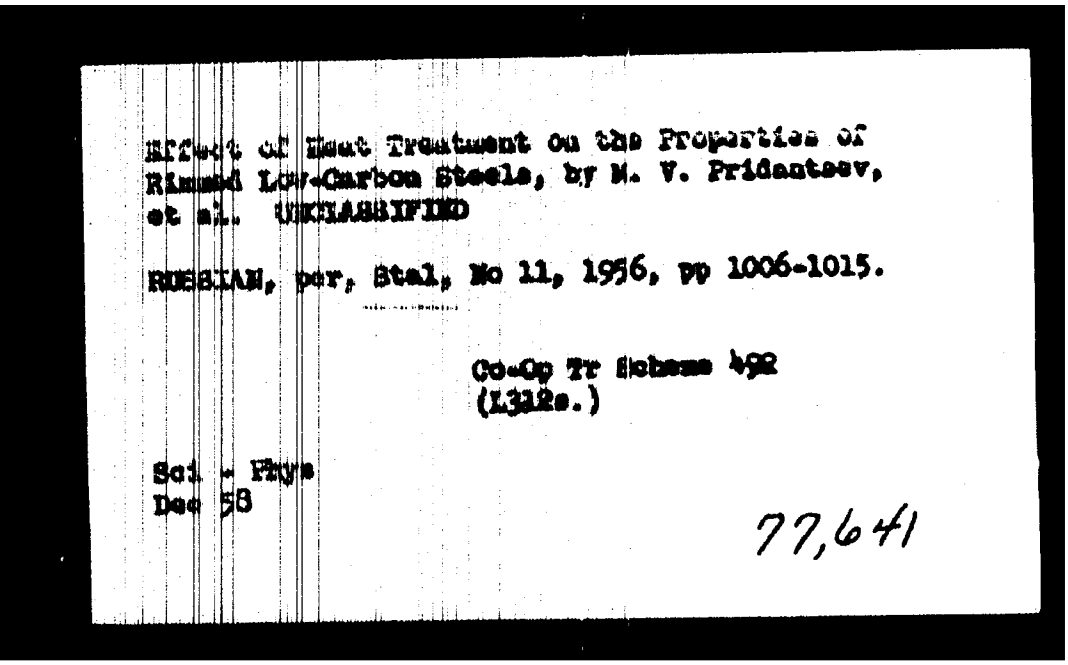
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7



Effect of Heat Treatment on the Properties of Rimmed Low-Carbon Steels, by M. V. Pridantsev, et al. UNCLASSIFIED

RUSSIAN, per, Stal, No 11, 1956, pp 1006-1015.

Co-Op Tr Scheme 492
(L312e.)

Sci - Phys
Dec 58

77,641

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Gas Cutting of Steel in Continuous Casting Machines, by O. Sh. Spektor.

RUSSIAN, no per, Stal, Vol XVI, No 11, 1956, pp 1042-1048.

Henry Brutcher
Tr No 3888
$8.85

45,114

Sci - Engineering
Mar 1957 CTS/dex

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Prevention of Flakes in Semi-Finished Steels, by L. A. Harutskayn, et al.

RUSSIAN, mo per, Stal', Vol XVI, No 12, 1956, pp 1097-1098.

Henry Brutcher
Tr 3908
$2.80

Bel - Min/Metals, metallurgy 50,739
Aug 57

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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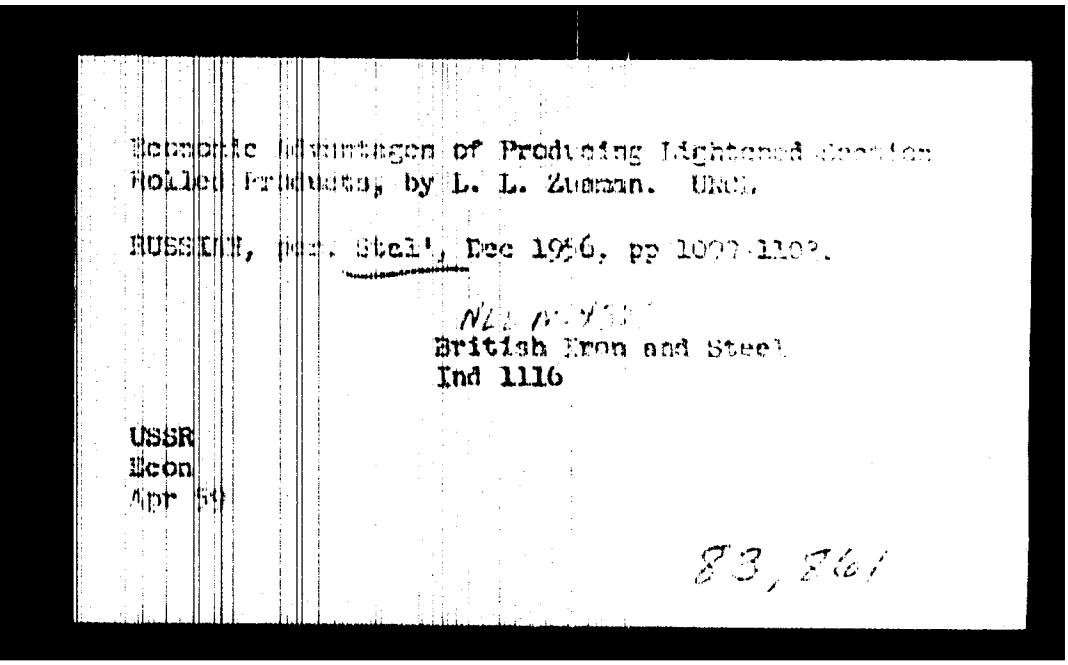


Economic Advantages of Producing Lightened Section
Rolled Products, by L. L. Zuman. UKR.

RUSSIAN, Prod. Steel, Dec 1956, pp 1097-1102.

NL 0.Y13
British Iron and Steel
Ind 1116

USSR
Econ
Apr 59

83,761

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Russian Experience in the Automatic Control of Wheel Plant Furnaces, by [redacted] Gruberman.

RUSSIAN, no per, Stal, No 12, 1956, pp 1103.

Co-op Tr Sch Tr 552
(P2.1.0)

57,679

Sci - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Information and Chronicle: Catching the Ends of Wire in Breakings, UNCLASSIFIED

RUSSIAN, per, Stal, Vol XVI, No 12, 1956, pp 1127-.

*DSIR/TCL 100

Sci - Engr
Oct 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Changing Charging Gear of Blast-Furnaces at the Novo Tagil Plant in Russia in Two Days, by Gladunov.

RUSSIAN, mo per, Stal, No 12, 1956, p 1134.

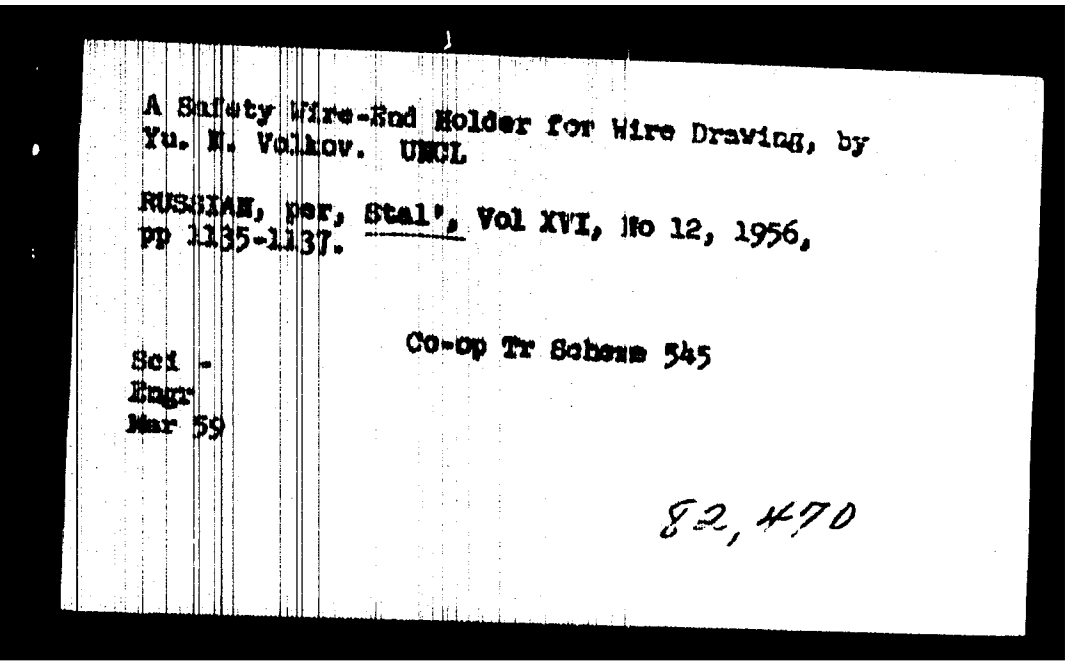
Co-op Tr Sch Tr 550
(£1.0.0)

57,677

Sci - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7



A Safety Wire-Rod Holder for Wire Drawing, by Yu. N. Volkov. UMCL

RUSSIAN, per, Stal', Vol XVI, No 12, 1956, pp 1135-1137.

Co-op Tr Scheme 545

Sci -
Engr
Mar 59

82,470

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Study of Conditions of Heat Exchange and Reduction [in Blast Furnaces] Working on Fluxed Sinter, by N. N. Babarykin, F. A. Yushin.

RUSSIAN, per, Stal', Vol XVII, No 1, 1957, p 7-15.

Brutcher Tr 4066
$12.00

Sci - Min/Met

Apr 58

61,425

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Automatic Regulation of Blast Furnace Working, by
Ss Plotnikovskiy, Ashikhmin. UNCLASSIFIED

RUSSIAN, per, Stal, No 1, 1957, pp 16-20.

N.L.M. 4071
Iron and Steel Inst Tr 952
(L3.10.0)

Sci - Engr
Aug 58

71,720

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Hydrodynamics of (Proof of Convection in) Liquid Steel in Ingot Moulds, by Zborovsky. UNCLASSIFIED

RUSSIAN, per, Stal, Vol XVII, Jan 1957, pp 24-30.

Co-op Tr Scheme
Tr 787
(L4.10.0)

Scl - Min/Metals
Apr 58

62,625

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Geometry of the Lower Part of an Ingot. USSR

RUSSIAN, per, Stal, Jan 1957, pp 35-38.

British Iron and Steel Inst
(no number given)

Sci - Min/Met; Math
Sep 59

28147

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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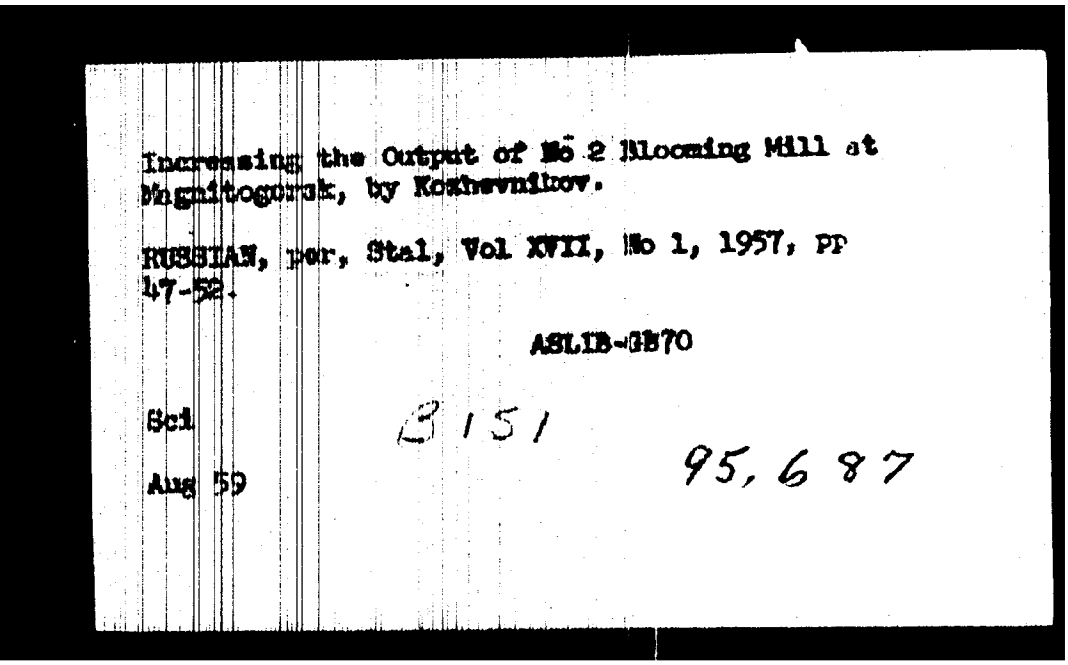

Increasing the Output of No 2 Blooming Mill at Magnitogorsk, by Koshevnikov.

RUSSIAN, per, Stal, Vol XVII, No 1, 1957, pp 47-52.

ASLIB-B570

Scl

Aug 59

2151

95,687

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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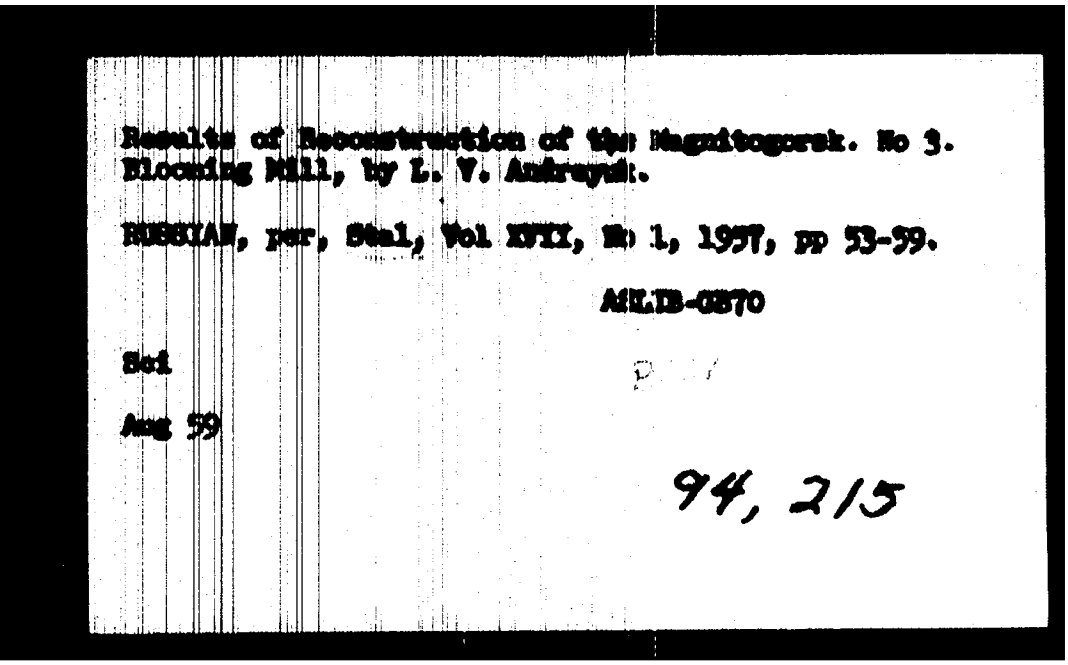

Results of Reconstruction of the Magnitogorsk. No 3. Blooming Mill, by L. V. Andreyuk.

RUSSIAN, per, Stal, Vol XVII, No 1, 1957, pp 53-59.

MLIB-0870

Sci

Aug 59

94, 215

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Influence of Deoxidation With Aluminium on the Quality of Structural Steel, by Antropova, et al.
UNCLASSIFIED

RUSSIAN, per, Stal, Jan 1957, pp 64-69.

Iron and Steel Inst Tr 743
(14)

Sci - Min/Met
Aug 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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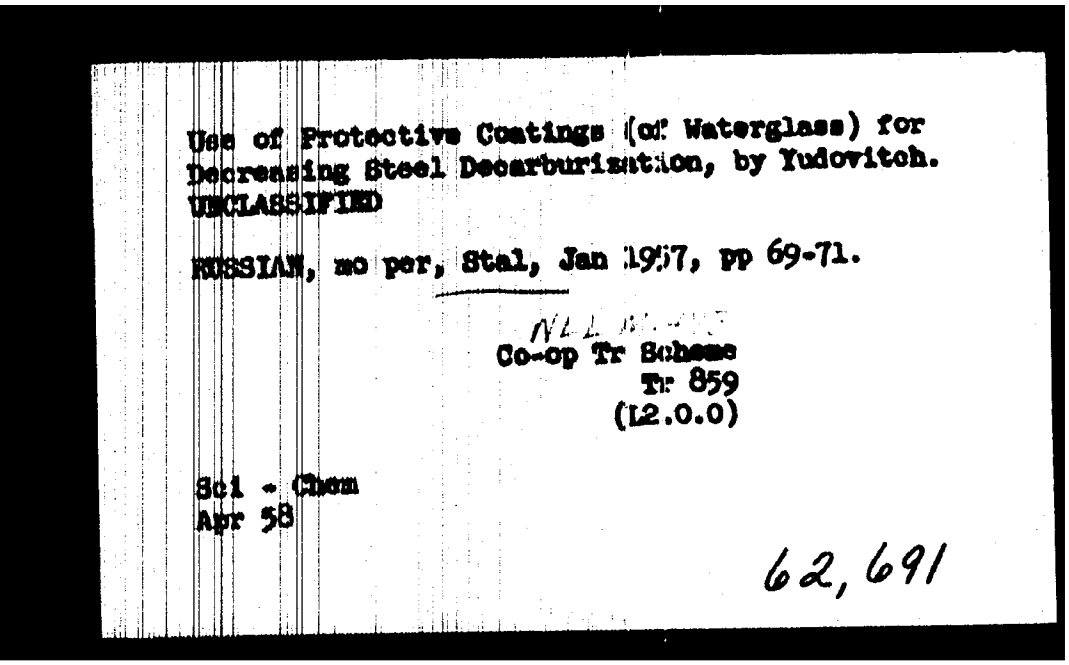

Use of Protective Coatings (of Waterglass) for Decreasing Steel Decarburization, by Yudovitch.
UNCLASSIFIED

RUSSIAN, no per, Stal, Jan 1957, pp 69-71.

Co-op Tr Bureau
Tr 859
(L2.0.0)

Sci - Chem
Apr 58

62,691

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Life of Moulds for Steel Ingots, by S. M. Bobrovskikh, A. G. Nikolayev. USCL

RUSSIAN, per, Stal, Jan 1957, pp 84-88.

British Iron and Steel Inst
(no number given)

Sel - Min/Met
Sep 59

98/142

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Smelting of Fluxed Sinter Made From Krivoi Rog Iron Ores, by Kasparov et al.

RUSSIAN, per, Stal, Feb 1957, p 99-103.

CSIRO (C-L 70/4-115)
Co-op Tr Serv Tr 681
(2.0.0)

NLL 11.4.27
50, 856

Sci - Min/met
Nov 57

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Ferrocoke and Ore-Coal Briquets, by N. S. Kurchatov.

RUSSIAN, per, Stal, Vol XVII, No 2, 1957, pp 103-105.

Henry Brutcher TR-[illegible]
$4.80

Sci - Min/Met

Jun 58

66,118

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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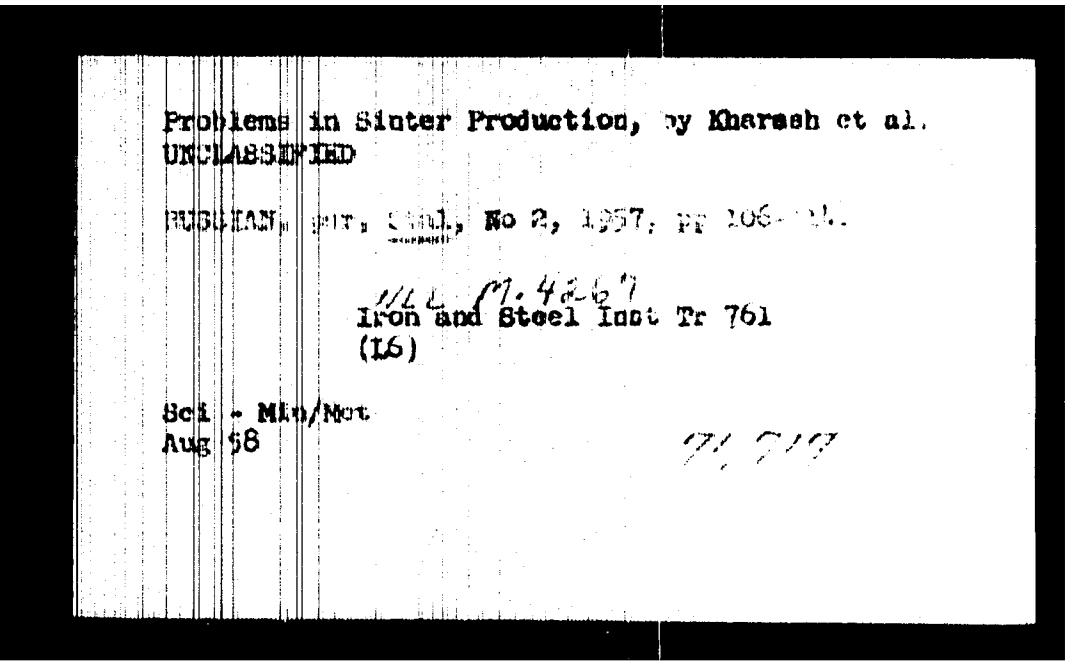

Problems in Sinter Production, by Kharash et al.
UNCLASSIFIED

RUDELNAN, Stal', No 2, 1957, pp 106-[illegible].

Iron and Steel Inst Tr 761
(L6)

Sci - Min/Met
Aug 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Change-Over of O.H. Furnaces From Oil to Natural Gas Firing, by Borodin et al.

RUSSIAN, mo pur, Stal, No 2, 1957, pp 124-129.

Co-op Tr Sch Tr 538
($2.10.0)

Sci - Engr
Jan 58

NLL [illegible] 37,672

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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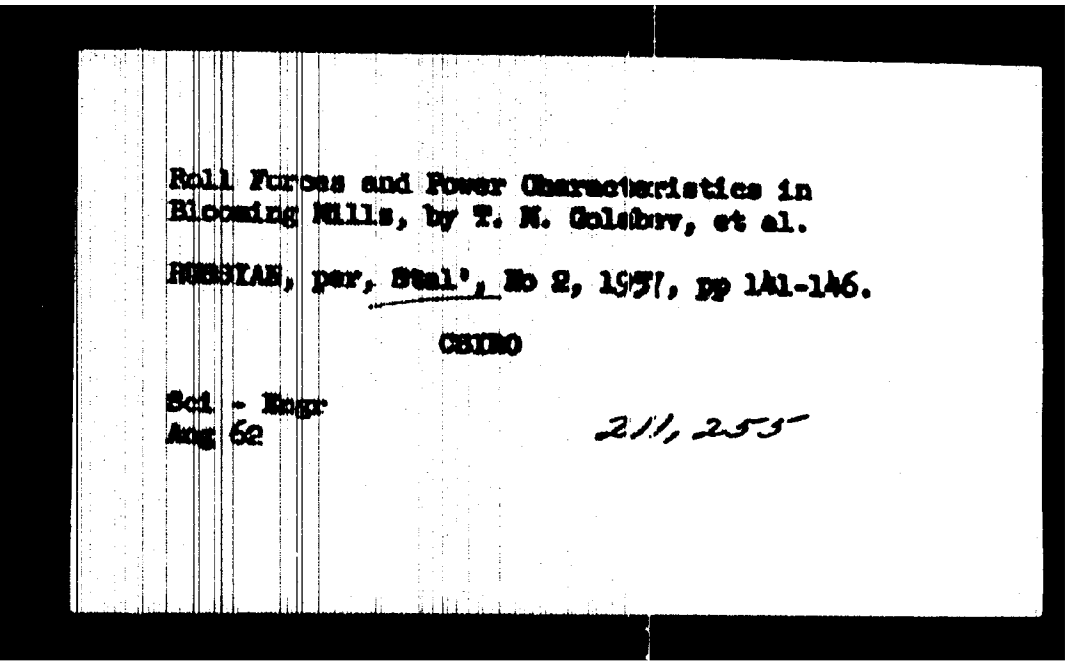

Roll Forces and Power Characteristics in Blooming Mills, by T. N. Golubev, et al.

RUSSIAN, per, Stal', No 2, 1957, pp 141-146.

CSIRO

Sci - Engr
Aug 62

211, 253

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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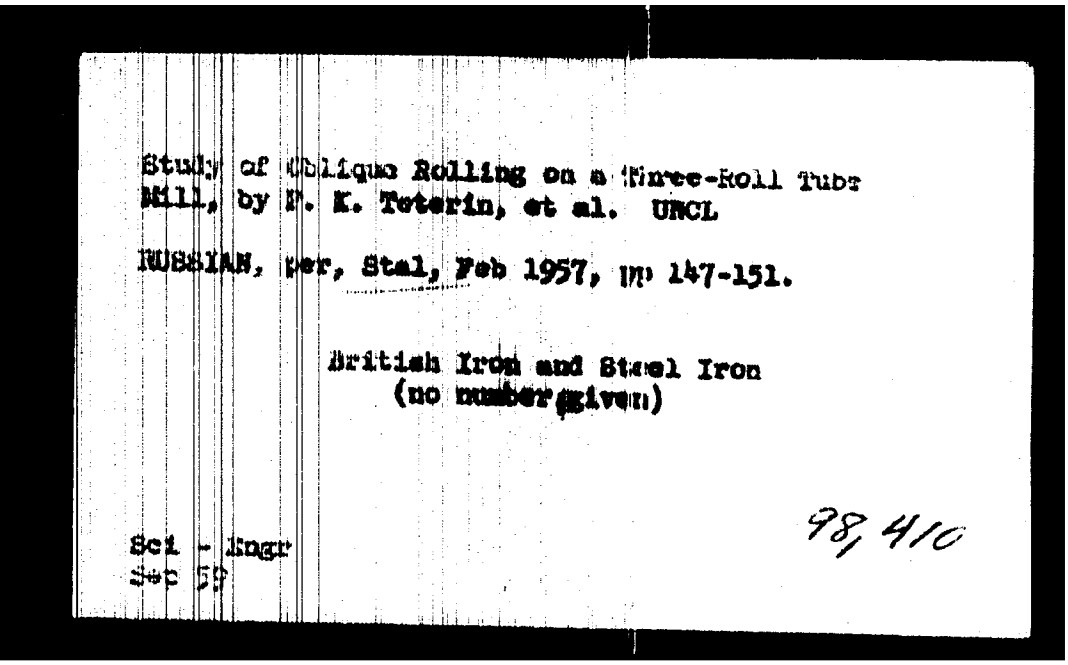


Study of Oblique Rolling on a Three-Roll Tube Mill, by P. K. Toterin, et al. UNCL

RUSSIAN, per, Stal, Feb 1957, pp 147-151.

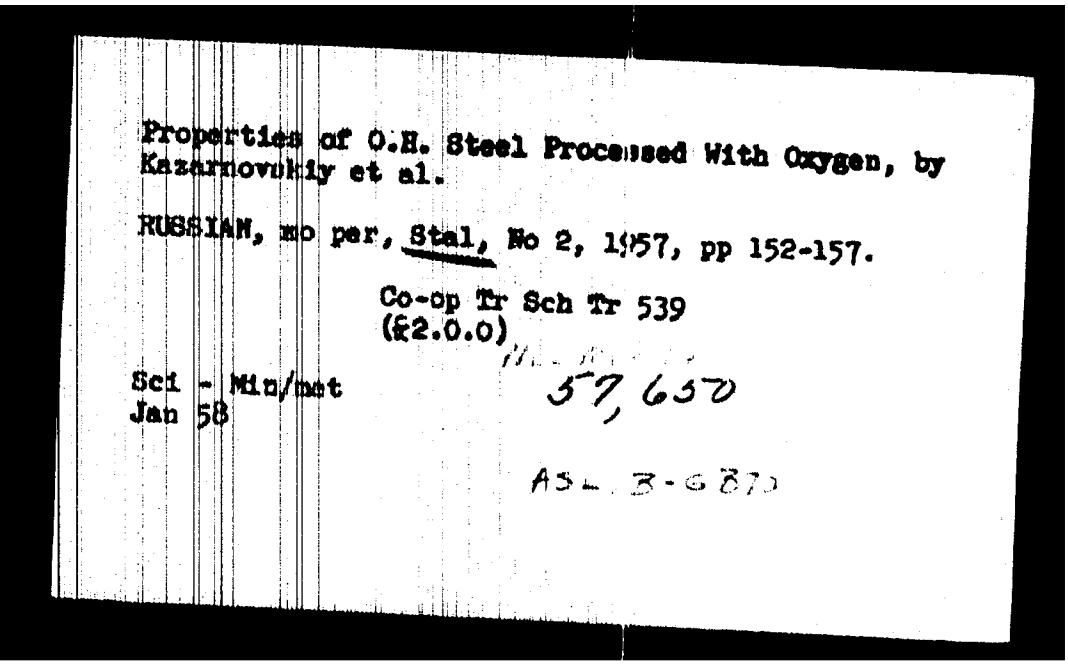
British Iron and Steel Iron
(no number given)

98,410

Sci - Engr
Sep 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7



Properties of O.H. Steel Processed With Oxygen, by Kazarnovskiy et al.

RUSSIAN, mo per, Stal, No 2, 1957, pp 152-157.

Co-op Tr Sch Tr 539
(62.0.0)

Sci - Min/met
Jan 58

57,650

ASL 3-687

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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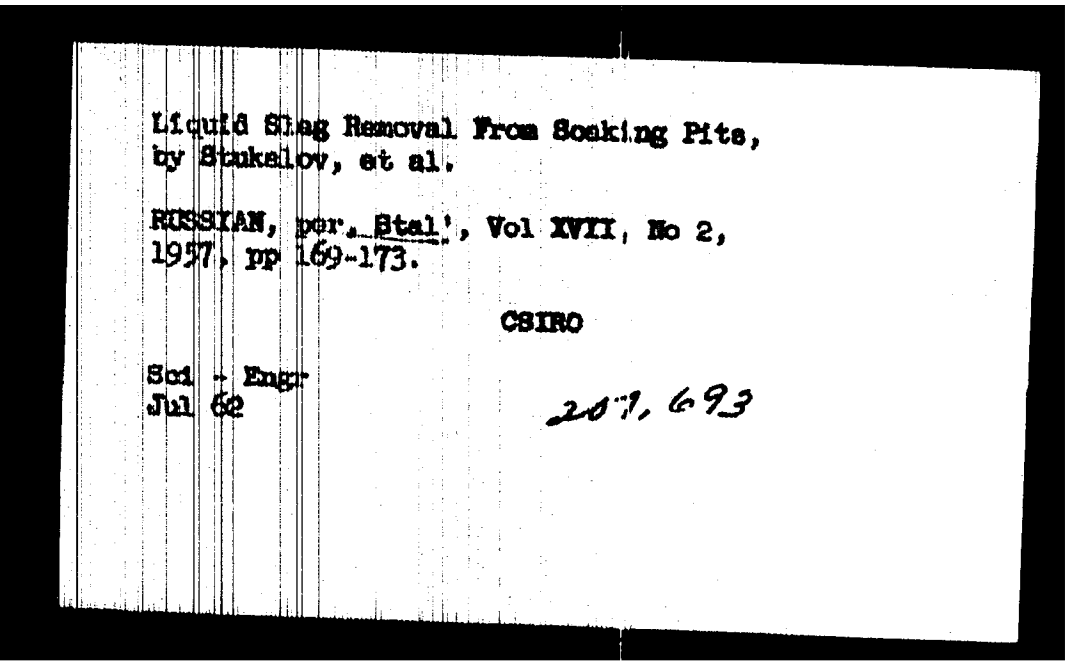

Liquid Slag Removal From Soaking Pits,
by Stukalov, et al.

RUSSIAN, per. Stal', Vol XVII, No 2,
1957, pp 169-173.

CSIRO

Sci - Engr
Jul 62

207, 693

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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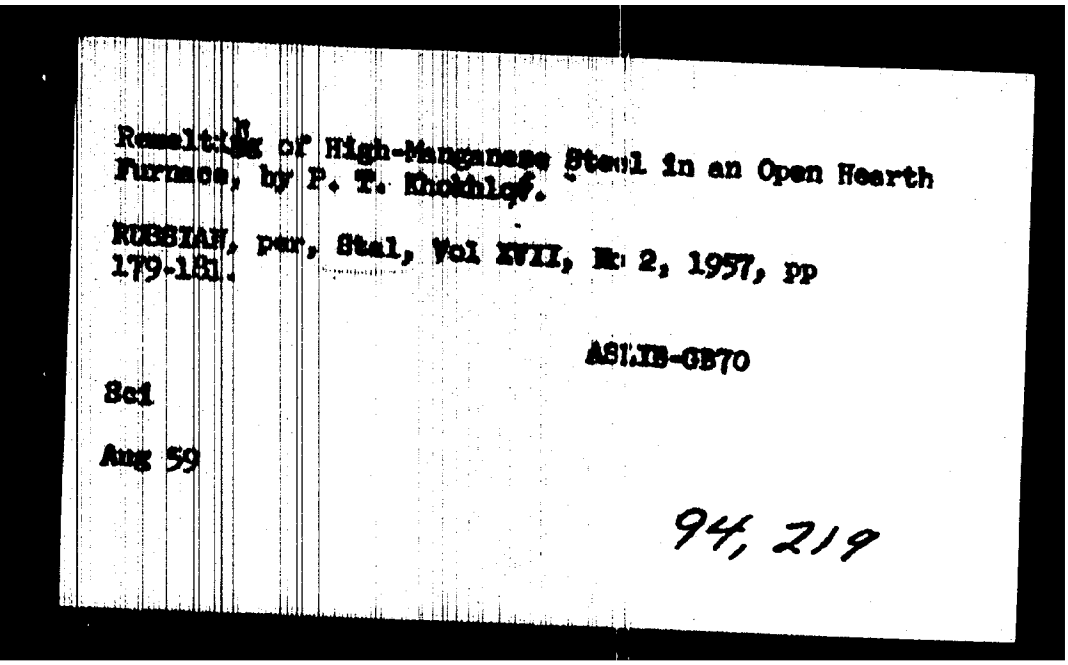

Remelting of High-Manganese Steel in an Open Hearth Furnace, by P. T. Khokhlov.

RUSSIAN, per, Stal, Vol XVII, No 2, 1957, pp 179-181.

ASLIB-GB70

Sci

Aug 59

94,219

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

The Influence of Cold Hardening of the Edges of Cold-Rolled Transformer Sheet Samples on the Electromagnetic Characteristics, by Belyakov.

RUSSIAN, mo per, Stal, No 2, 1957, pp 185, 186.

Co-op Tr Sch Tr 795

Sci - Engr
Feb 58

58, 264

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

New Methods of Studying the Sintering Process,
by V. S. Abramov.

RUSSIAN, por, Stal, Vol XVII, No 3, 1957,
pp 195-199.

Henry Brutcher 4385
$8.80

Mel - Min/Met.

Jan 59

78,641

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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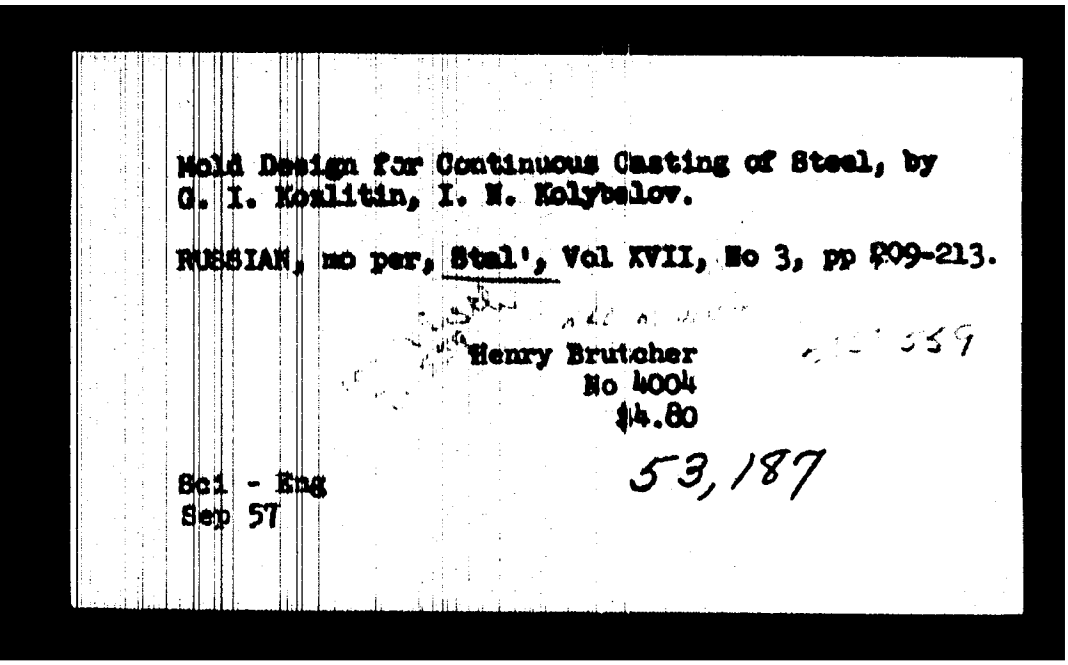

Mold Design for Continuous Casting of Steel, by G. I. Kozlitin, I. N. Kolybelov.

RUSSIAN, no per, Stal', Vol XVII, No 3, pp 209-213.

Henry Brutcher
No 4004
$4.80

53,187

Sci - Eng
Sep 57

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Production of Constructional Steels in Arc Furnace With Oxygen Injection, by S. M. Gmuchev, et al.

RUSSIAN, per, Stal', Vol XVII, No 3, 1957, pp 220-232.

HB 4113

Sic - Min/Met

May 60

115,528

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Modernization of Units of Slabbing Mill Equipment, by Tairlin.

RUSSIAN, mo per, Stal, No 3, 1957, pp 232-238.

Co-op Tr Sch Tr 546
(£3.0.0)

57,675

USSR
Econ
Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Application of Phosphate Coatings to the Multiple Cold Drawing of Tubes, by Goncharevsky, et al.

RUSSIAN, no per, Stal, Mar 1957, pp 243-253.

Co-op Tr Sch Tr 617

Sci - Min/met
Jan 58

57, 743

HQ 4642

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Comparison of the Results of Metal Controlling for Fine Cracks in Billets and Finished Products, by Kalinina. UNCLASSIFIED

RUSSIAN, per, Stal, Mar 1957, pp 261-263.

Bell no. 4107
Co-op Tr Scheme
Tr 878

Sci - Min/Met
Apr 58

62,599

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

(DC-1070)

The Iron Balance in Blast Furnace Production, by L. L. Zusman, N. F. Sklokin, 10 pp.

RUSSIAN, no per, Stal', Vol XVII, No 3, Moscow, Mar 1957, pp 264-267.

UR JPRS/DC-L-618

USSR
Eco - Steel Production

69, 554

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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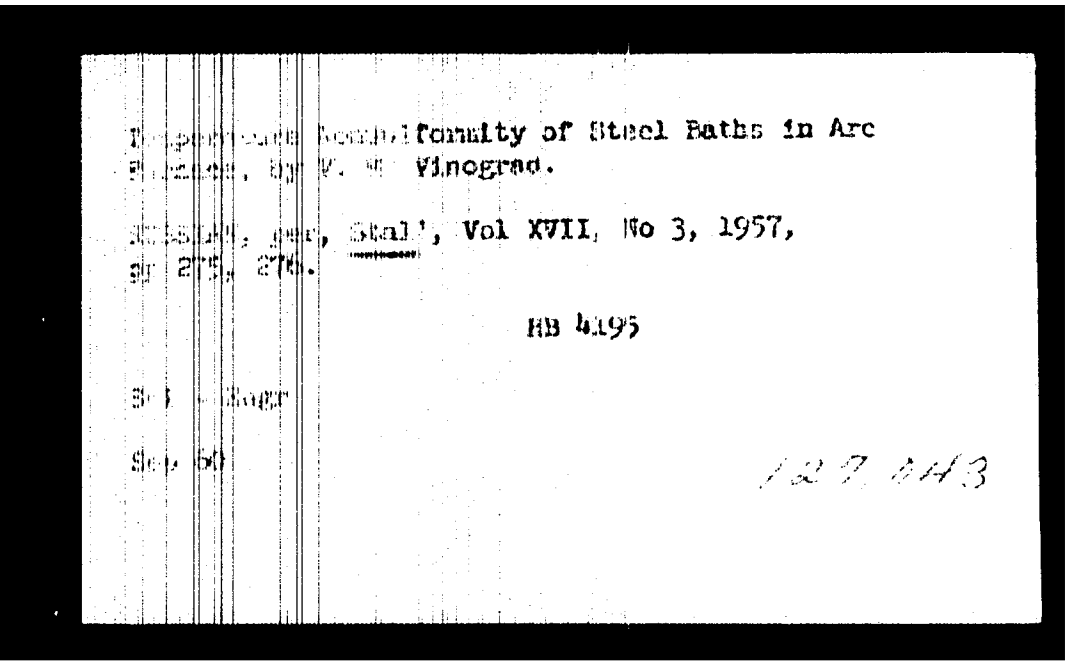


[illegible] Homogeneity of Steel Baths in Arc
[illegible], by V. S. Vinograd.

[illegible], gen. Stal', Vol XVII, No 3, 1957,
pp 275, 276.

HB 4195

[illegible] Sept

Sep. 60

127 443

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Causes of Unsatisfactory Cold Drawability of Iron-Chrome-Aluminum Resistance Alloys, by A. P. Boyarinova, S. I. Malov.

RUSSIAN, per, Stal, Vol XVII, No 3, 1957, p 280.

Brutcher Tr 4063
$2.25

60,374

Sci - Chem Min/met
Mar 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Investigation of Forces Acting on the Various Parts of a Continuous Steel-Casting Machine, by V. F. Shchukin.

RUSSIAN, no per, Stal', Vol XVII, No 4, Moscow, 1957, pp 320-322.

Tr. Sl. 536

Henry Brutcher Tr. 4022

Sci - Engineering

$3.00

57,019

Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Quality of Steel Ingots Improved by Ultrasound Treatment, by N. P. Nikolaichik, E. N. Nikolaichik.

RUSSIAN, Per, Stal, Vol XVII, No 4, 1957, pp 322-325.

Henry Brutcher
No 3985
$4.75

Bel - Physics
Sep 57

53,184

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Production of Medium-Carbon Ferrochromium, by
F. A. Bakharuk.

RUSSIAN, mo per, Stal', Vol XVII, No 4, 1957,
pp 326-328.

Henry Brutcher
No 3095
$5.90

53,194

USSR
Econ - Metals
Sci - Min/Metals
Sep 57

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Machines for the Marking of Blooms and Slabs, by I. G. Potapkin, I. F. Prichodko. UNCLASSIFIED

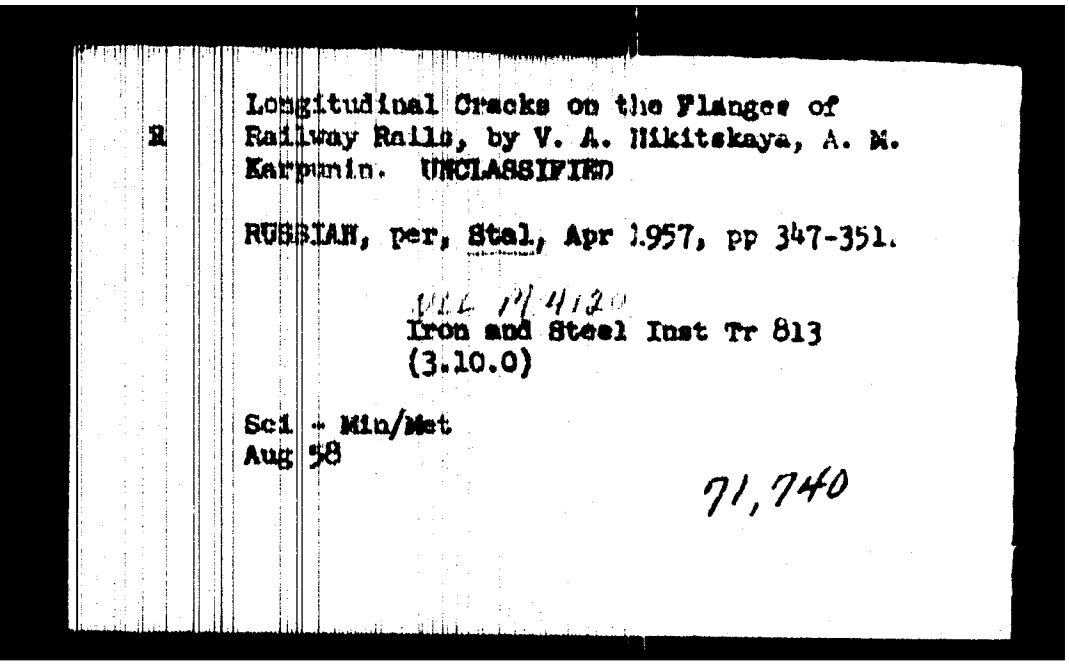
RUSSIAN, per, Stal, Apr 1957, pp 333-340.

British Iron and Steel Ind 717 (J.3.10.0)

Sci - Engineering
May 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7



Longitudinal Cracks on the Flanges of Railway Rails, by V. A. Nikitskaya, A. M. Karpunin. UNCLASSIFIED

RUSSIAN, per, Stal, Apr 1957, pp 347-351.

Iron and Steel Inst Tr 813
(3.10.0)

Sci - Min/Met
Aug 58

71,740

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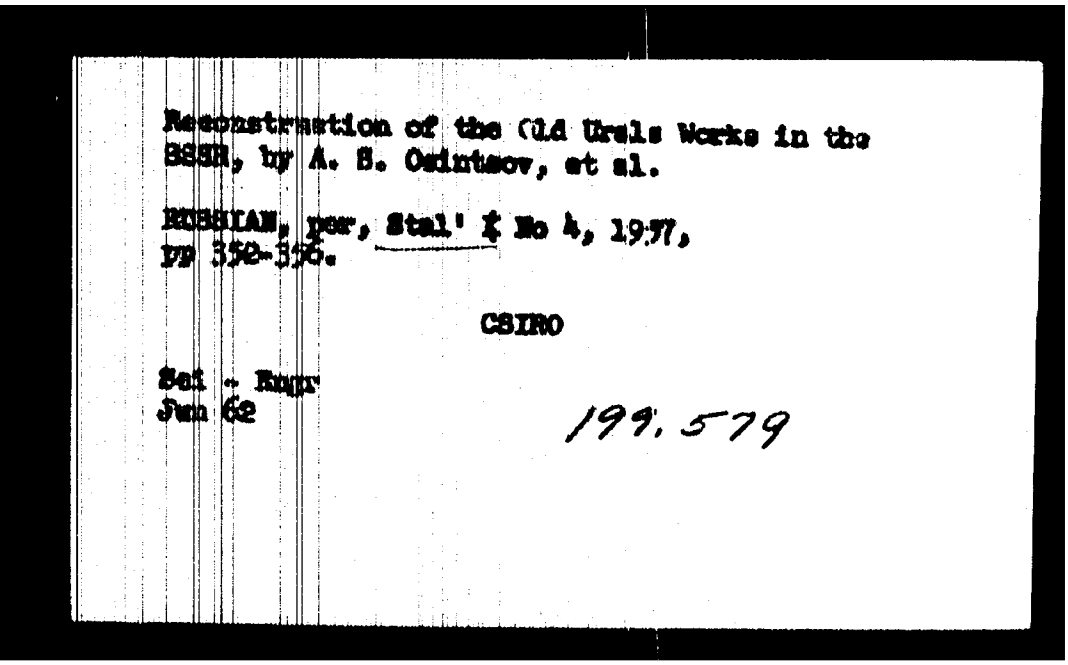

Reconstruction of the Old Urals Works in the USSR, by A. S. Ostrovov, et al.

RUSSIAN, per, Stal' # No 4, 1977, pp 350-356.

CSIRO

Sci - Engr
Jun 62

199.579

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Distribution of Temperature in an Ingot During Heating in a Soaking Pit, by Kuzantsev, Strelets.

RUSSIAN, mo per, Stal, Vol LXXVII, 1957, No 4, pp 358-361.

Co-op Tr Sch Tr 533

Sci - Min/met
Jan 58

57, 712

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Durability of Ingot Moulds at the Kuznetsk Metallurgical Combine, by Plankina.

RUSSIAN, mo per, Stal, No 4, 1957, pp 362-365.

Co-op Tr Sch Tr 534

Sci - Mir/cet
Jan 58

57, 713

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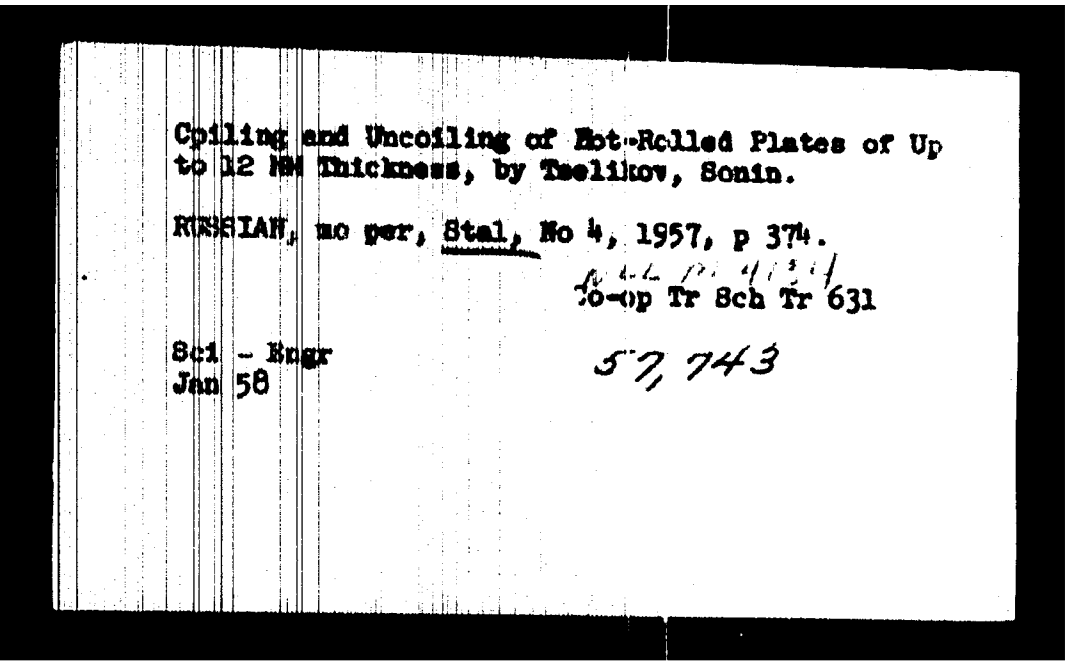

Coiling and Uncoiling of Hot-Rolled Plates of Up to 12 MM Thickness, by Tselikov, Sonin.

RUSSIAN, mo per, Stal, No 4, 1957, p 374.

Co-op Tr Sch Tr 631

Sci - Engr
Jan 58

57, 743

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Die Automatisierrung Einselner Vorgaenge in der Sinteranlage, by I. M. Ravidikovich. (unpubl tr)

RUSSIAN to GERMAN, per, Stal, No 5, 1957, pp 385-388.

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Unter den Linden 8

Apr 60

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Location of Blast-Furnace Mixing Valve, by Chernov, et al.

RUSSIAN, mo per, Stal, May 1957, pp 389-391.

Co-op Tr Sch Tr 690

57,643

Sci - Engr
Jan 58

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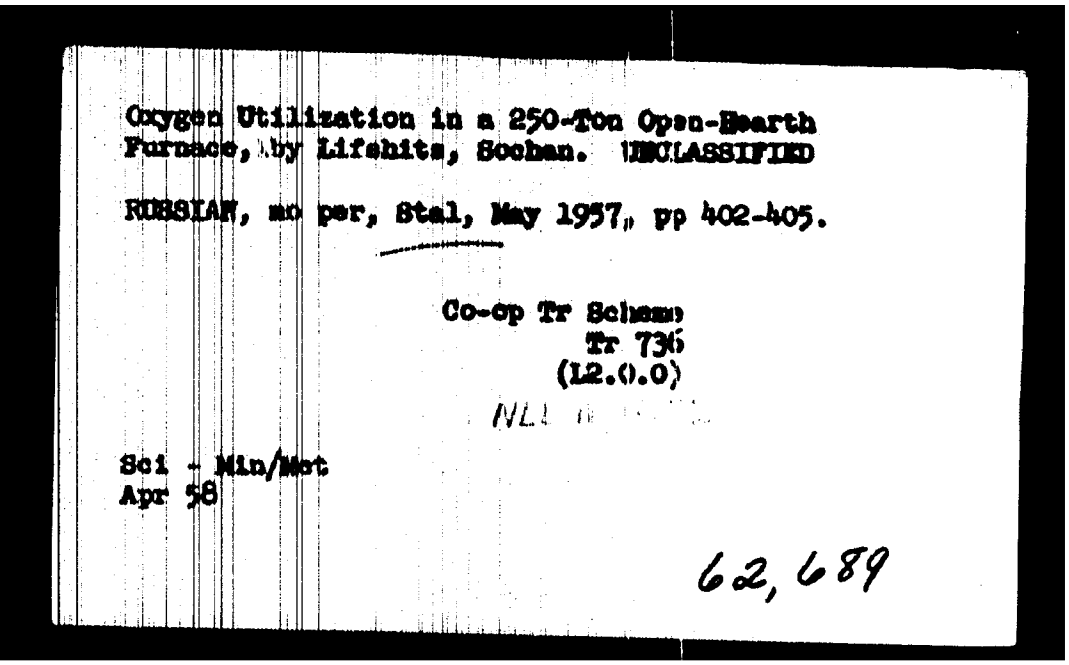

Oxygen Utilization in a 250-Ton Open-Hearth Furnace, by Lifshits, Sochan. UNCLASSIFIED

RUSSIAN, mo per, Stal, May 1957, pp 402-405.

Co-op Tr Scheme
Tr 736
(L2.0.0)

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Sci - Min/Met
Apr 58

62,689

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Effect of Ultrasound on Structure and Properties of Steel Ingots, by Ya. B. Gurevich, V. I. Leontov, I. I. Tevmin.

RUSSIAN, mo per, Stal', Vol XVII, No 5, 1957, pp 406-411.

Brutcher Tr 4035
$5.60

Sci - Min/Met

57, 363

Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Comparison Between Tilting and Fixed Furances, by Lenorsky.

RUSSIAN, per, Stal, No 5, 1957, pp 411-413.

Co-op Tr Sch Tr 635
(£2.10.0)

57,704

Sci - Engr
Jan 58

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Determination of Minimum Consumption of Electric Power in Arc Furnaces, by Markov.

RUSSIAN, mo per, Stal, May 1957, p 419.

Co-op Tr Sch Tr 579

Sci - Engr
Jan 58

57-721

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Rolling of Rails Through Knifing Passes of Cogging Rolls, by Ueda, et al.

RUSSIAN, mo per, Stal, Vol XVII, May 1957, pp 431-435.

Co-op Tr Sch Tr 624
($1.15.0)

Sci - Engr
Jan 58

57, 7.50

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Experimental Determination of Roll Force, by V. N. Poturayev. UNCL

RUSSIAN to FRENCH, per, Stal, No 5. 1957, pp 438-440.

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St. German-en-Laye
(S-et-O), France

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Improved Groove Design in the Cold Reduction of Tubes, by Shevakin.

RUSSIAN, mo per, Stal, May 1957, pp 441-444.

Co-op Tr Sch Tr 603

Sci - Engr
Jan 58

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(FDD 33061) (DC-1071)

Production of Bent Shapes, by G. V. Vitin, A. F. Yermakov, 14 pp.

RUSSIAN, no per, Stal', Vol XVII, No 5, Moscow, May 1957, pp 458-463.

US JPRS/DC-1-449

USSR

Econ - Varied steel produc research
Technical

66,905

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Phosphate and Glass Coatings in Wire Prior to Drawings, by Goncharov.

RUSSIAN, mc per, Stal, May 1957, pp 464-465.

Co-op Tr Sch Tr 590

Sci - Engr
Jan 58

57 724

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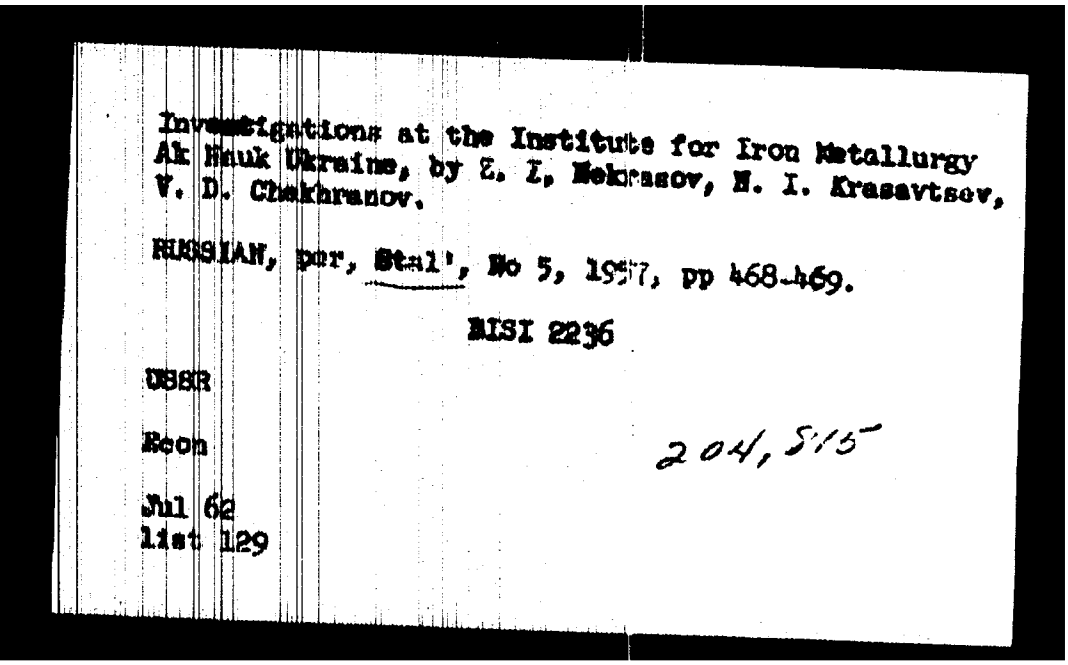

Investigations at the Institute for Iron Metallurgy Ak Nauk Ukraine, by E. I. Nekrasov, N. I. Krasavtsev, V. D. Chekhranov.

RUSSIAN, per, Stal', No 5, 1957, pp 468-469.

BISI 2236

USSR

Econ

Jul 62
List 129

204, 515

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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(FDD 31777) (DC-1071)

Research at the Verkh-Isetskiy Plant, by G. N. Shubin, 9 pp.

RUSSIAN, mo per, Stal', Vol XVII. No 5, Moscow, May 1957, pp 469-472.

US JPRS/DC-L-448

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Forschungsarbeiten im Makajewaker Eisenhuettenkombinat, by I. I. Vornatskiy. (unpublr)

RUSSIAN to GERMAN, per, Stal, No 5, 1957, p 475.

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Apr 60

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Automatic Speed Control of a Sintering Machine,
by Khoklov.

RUSSIAN, no per, Stal, Jun 1957, p 481.

~~Coop Tr Sch Tr 600~~

Sci - Engr
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57,642

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Effect of Heating of the Blast Upon the Working of a Blast Furnace, by I. G. Boychenko.

RUSSIAN, per, Stal, Vol XVII, No 6, 1957, pp 483-486.

Brutcher Tr 4051
$7.90

60,351

Sci - Engr
Mar 58

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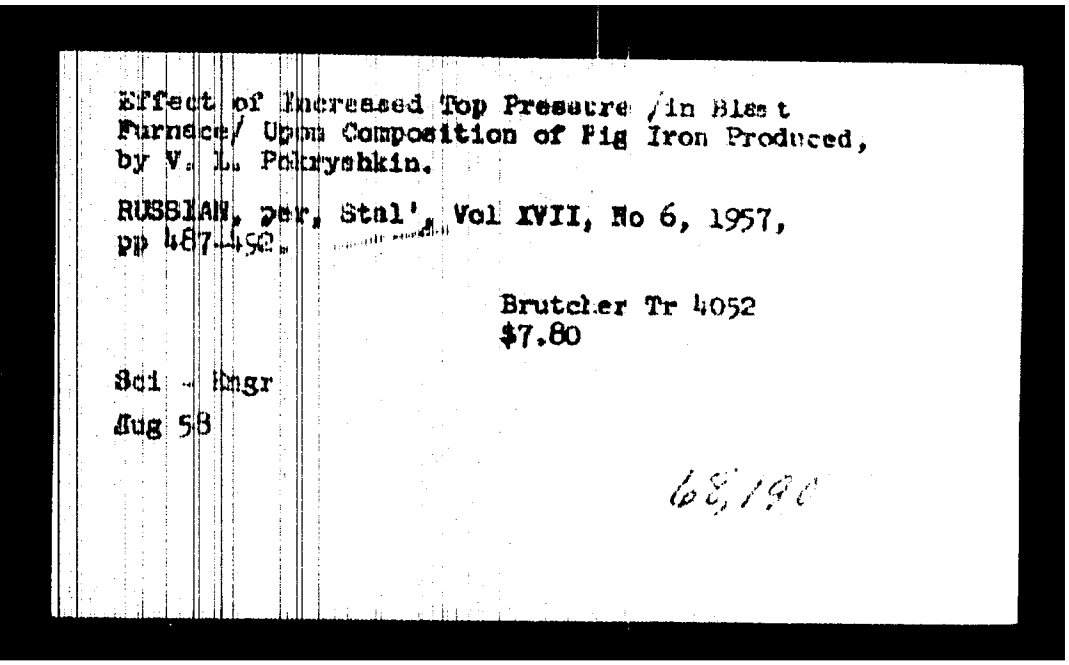

Effect of Increased Top Pressure /in Blast Furnace/ Upon Composition of Pig Iron Produced, by V. L. Pokryshkin.

RUSSIAN, per, Stal', Vol XVII, No 6, 1957, pp 487-492.

Brutcher Tr 4052
$7.80

Sci - Engr

Aug 58

68/190

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Prospects for Use of Calculating Machines for Automatic Control of Blast-Furnace Running, by Rylov.

RUSSIAN, mc per, Stal, No 6, 1957, pp 488-493.

Co-op Tr Sch Tr 653
(£2.10.0)

Sci & Engr
Jan 58

57,709

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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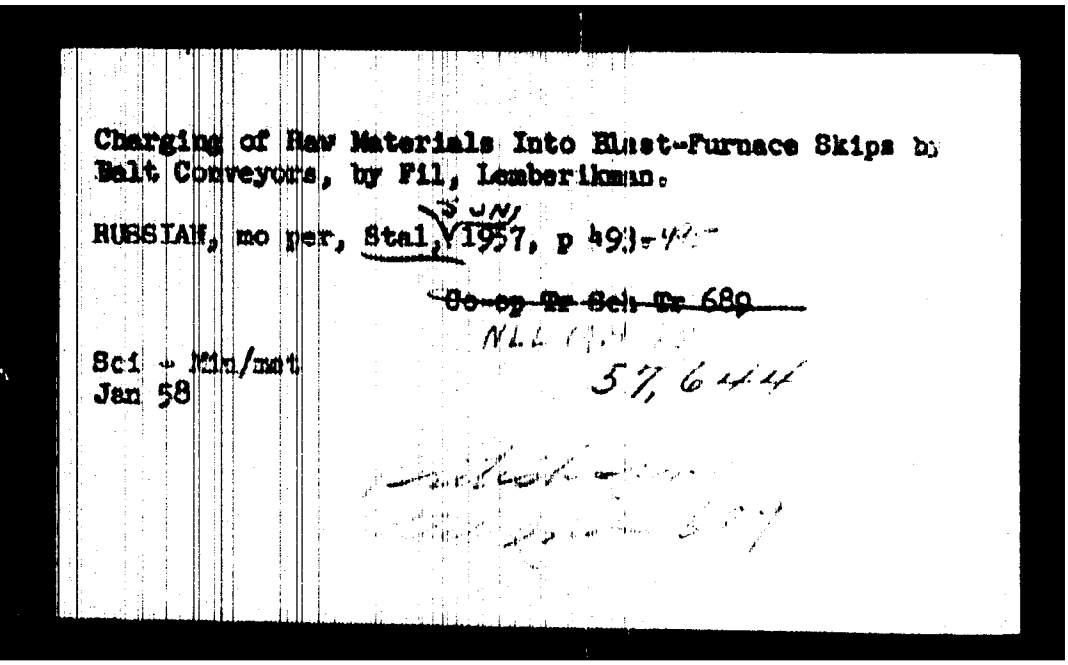

Charging of Raw Materials Into Blast-Furnace Skips by Belt Conveyors, by Fil, Lemberikman.

RUSSIAN, mo per, Stal, VJUNE 1957, p 493-4

~~Sc-cy Fr Sci Tr 689~~

NLL

57, 6444

Sci - Min/met
Jan 58

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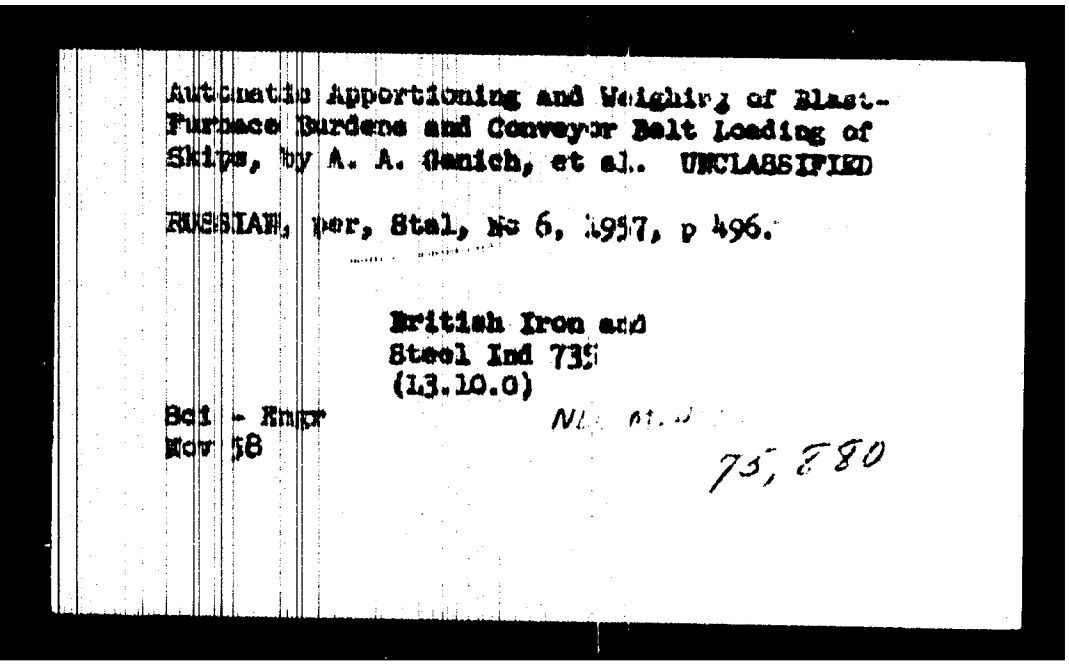

Automatic Apportioning and Weighing of Blast-Furnace Burdens and Conveyor Belt Loading of Skips, by A. A. Genich, et al.. UNCLASSIFIED

RUSSIAN, per, Stal, No 6, 1957, p 496.

British Iron and Steel Ind 735 (13.10.0)

Bel - Engr Nov 58

75, 580

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Rationeller Schichtverteiler des Hochofens, by I. S. Shirenko. (unpubl tr)

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Apr 60

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

All-Union Blast Furnace and Sinter Plant Conference SSSR, 1957, by Ya. I. Dashevskiy, V. K. Leonidov, 1 pp.

RUSSIAN, per, Stal, No 6, 1957, pp 501-502.

Broken Hill Proprietary Co Ltd (CRL/T 153)

Sci
Nov 61

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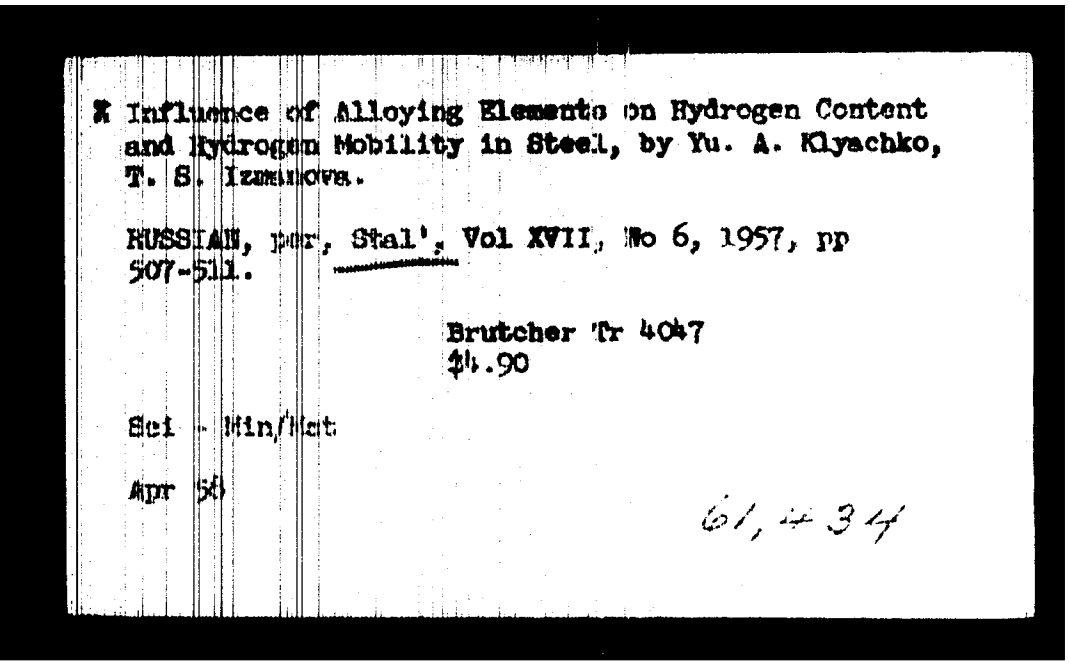

* Influence of Alloying Elements on Hydrogen Content and Hydrogen Mobility in Steel, by Yu. A. Klyachko, T. S. Izmailova.

RUSSIAN, per, Stal', Vol XVII, No 6, 1957, pp 507-511.

Brutcher Tr 4047
$4.90

Sci - Min/Met

Apr 58

61-4-34

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Killed-Steel Ingots of Improved Shape, by A. N. Lekomtsev.

RUSSIAN, per, Stal', No 6, 1957, pp 512, 513.

NE 4708

Sci - Min/Met

Mar 61

141,395

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New Deoxidizing and Desulfurizing Practice for Improved Steel Quality, by V. A. Skachko, N. P. Merenkov. 6pp.

RUSSIAN, per. Stal', Vol XVII, No 6, 1957, pp 521-522.

AEC 3176
Brutcher tr 4080
$3.90
OTS 60-16875

Sci - Min/Met

Apr 58

61.779

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Rationalization of Rail Pass Design, by Karpunin.

RUSSIAN, no per, Stal, Jan 1957, pp 536-540.

Co-op Tr Sch Tr 625
(S2.0.0)

Sci - Engr
Jan 58

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Rational Method of Fabrication of Sheet Ingots, by I. D. Kuzema.

RUSSIAN, per, Stal, Vol XVII, 1957, pp 541-543.

AEC Tr 3177

Sci - Engr

May 58

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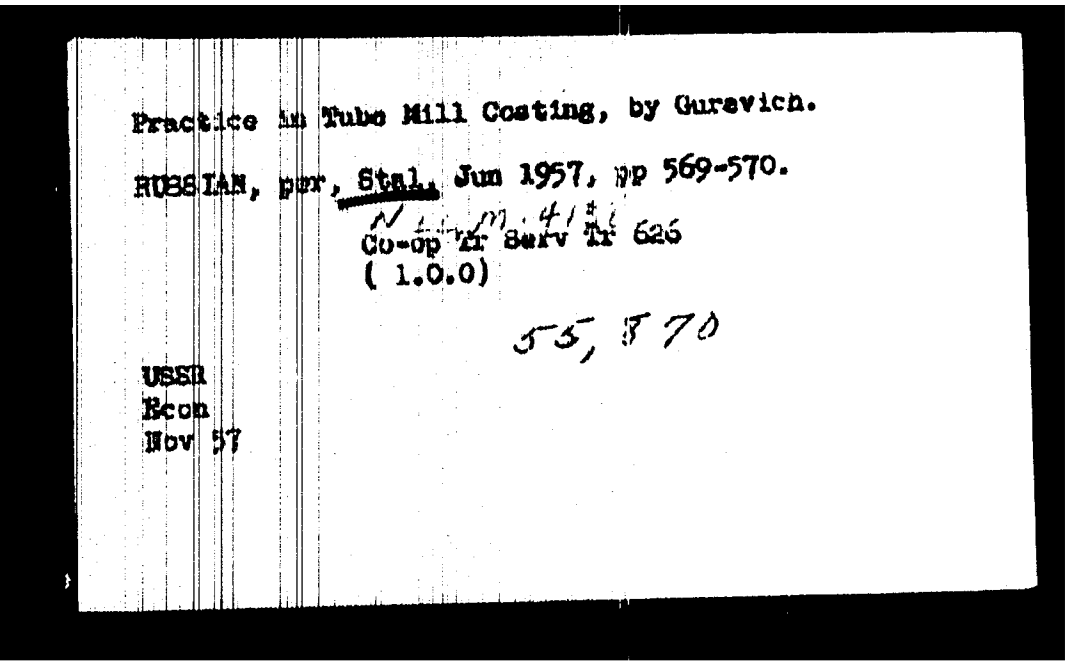

Practice in Tube Mill Costing, by Gurevich.

RUSSIAN, per, Stal, Jun 1957, pp 569-570.

Co-op Fr Serv Tr 626
(1.0.0)

55, 570

USSR
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Nov 57

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Calorizing of Cast Iron Ingot Moulds, by Nikolaich: Nikolaichik.

RUSSIAN, mo per, Stal', No 6, 1957, pp 571.

Co-op Tr Sch Tr 725

Sci - Min/met
Feb 58

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Production of Ferromanganese in Large Blast-Furnaces, by Zakharov et al.

RUSSIAN, per, Stal, No 7, 1957, pp 580-584.

Co-op Tr Serv Tr 670
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USSR
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Sci - Min/met
Nov 57

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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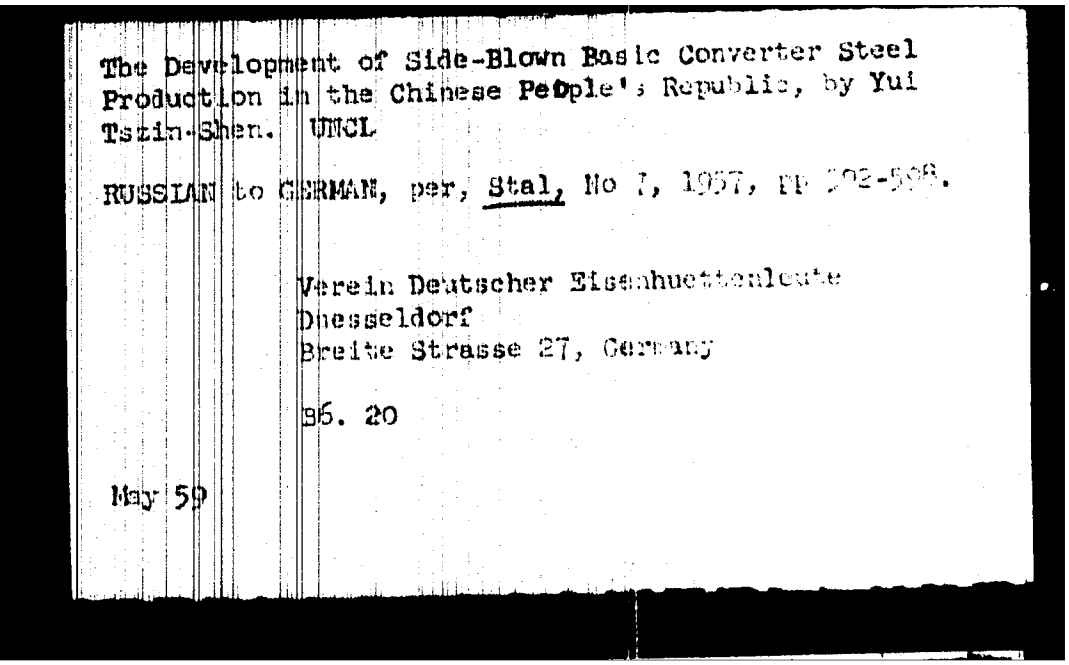

The Development of Side-Blown Basic Converter Steel Production in the Chinese People's Republic, by Yui Tszin-Shen. UNCL

RUSSIAN to GERMAN, per, Stal, No 7, 1957, pp 502-506.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27, Germany

36. 20

May 59

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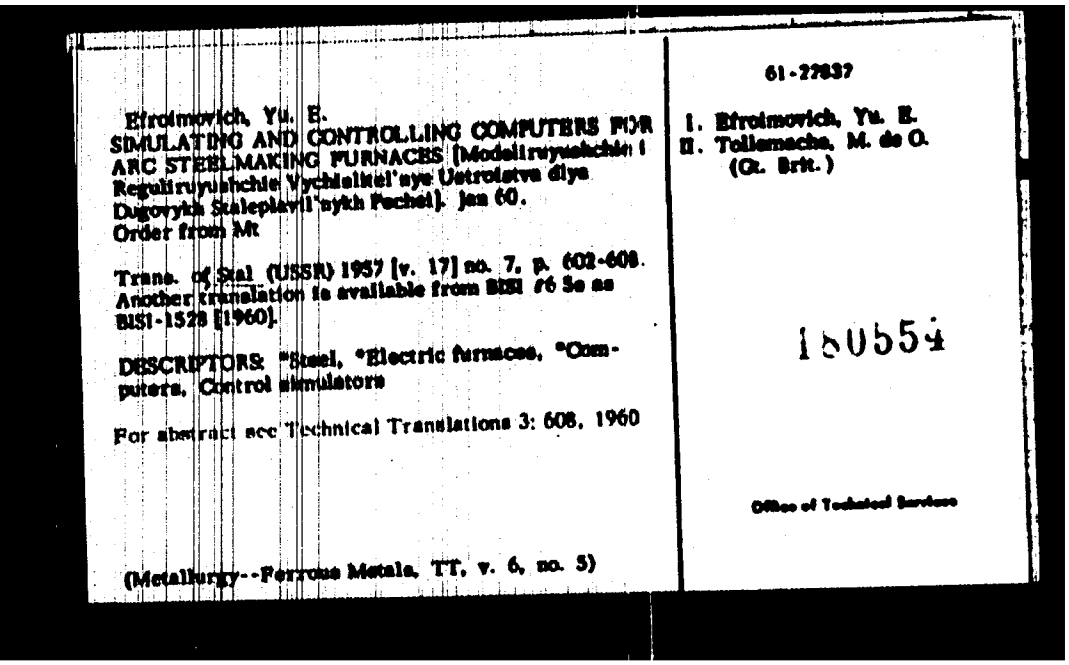

Efroimovich, Yu. E.
SIMULATING AND CONTROLLING COMPUTERS FOR ARC STEELMAKING FURNACES [Modeliruyushchie i Reguliruyushchie Vychislitel'nye Ustroistva dlya Dugovykh Staleplavil'nykh Pechei]. Jan 60.
Order from: Mt

Trans. of Stal (USSR) 1957 [v. 17] no. 7, p. 602-608.
Another translation is available from BISI #6 Se as BISI-1528 [1960].

DESCRIPTORS: *Steel, *Electric furnaces, *Computers, Control simulators

For abstract see Technical Translations 3: 608, 1960

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

61-27837

I. Efroimovich, Yu. E.
II. Tollemache, M. de O. (Gt. Brit.)

180554

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The Granulation of Reducing Manganese-Bearing Slags, by D. S. Tsikashua.

RUSSIAN, per, Stal, 1957, No 7, pp 611-615.

BISI 1921

Sci - Min/Met.

Oct 60

129,115

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The New Wheel-Rolling Department of the Nizhny-Tagil Metallurgical Combine, by Makayev et al.

RUSSIAN, no per, Stal, Jul 1957, pp 616-621.

Co-op Tr Sch Tr 658
NLL M412.9
57, 752

USSR
Econ
Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

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Decapage Des Aciers Inoxydables. (Etching of Stainless Steels), by A. A. Babakov, A. A. Sabinine, I. P. Sinitsyne, 16 pp.

FRENCH From RUSSIAN, per, Stal, Vol XVII, 1957, pp 631-634.

Reverse Translation
AEC/CEA-Tr-R569

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Influence of Impurities on the Properties of High-Temperature Strength Nickel-Chromium Alloys, by M. V. Priluchnaya, G. V. Berezkin.

RUSSIAN, per. Stal', Vol XVII, No 7, 1957, pp 636-40.

Brutcher Tr 4088
$5.90

Sci - Min/Met

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61,438

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Influence Des Impuretes Sur Les Properietes Des Alliages Refractaries a Base De Ni — Cr. (Effect of Impurities on the Properties of Refractory Alloys With Ni - Cr Base), by M. V. Pridantzev, G. V. Estouline, 11 pp.

FRENCH from RUSSIAN, per, Stal, Vol XVII, 1957, pp 635-639.

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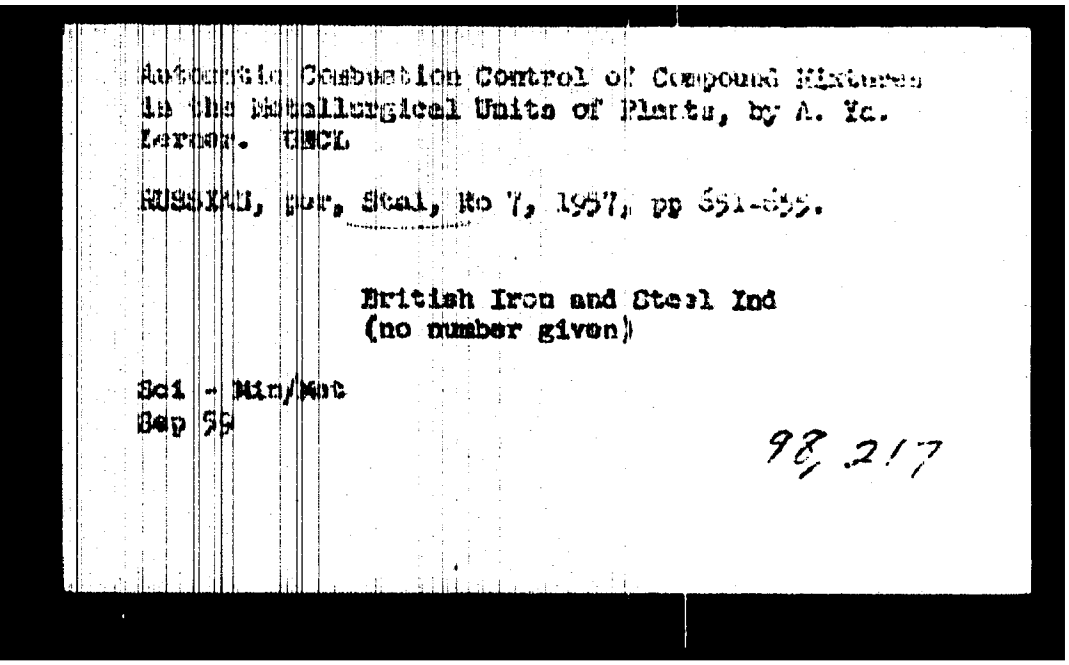

Automatic Combustion Control of Compound Mixtures in the Metallurgical Units of Plants, by A. Ya. Lerner. TSCL

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British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 58

98,217

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Hot Cooling of Open-Hearth Furnaces, by Moyseyevich.

RUSSIAN, mo per, Stal, Jul 1957, p 6[illegible].

Co-op Tr Sch Tr 691

Sci - Engr
Jun 57

57, 645

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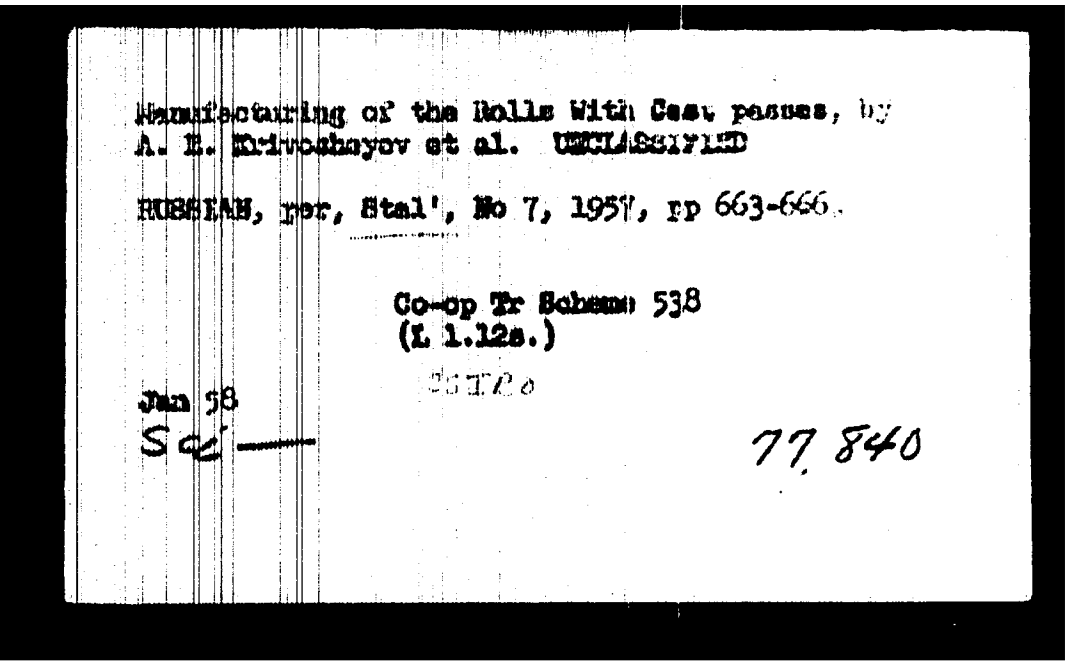

Manufacturing of the Rolls With Cast Passes, by A. E. Krivoshayev et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 7, 1957, pp 663-666.

Co-op Tr Scheme 538
(L 1.12a.)

Jan 58
Sci

77 840

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Smelting of Basic Pig Iron When Using Oxygen-Enriched Blast, by Bardin et al.

RUSSIAN, per, Stal, Aug 1957, pp 673-684.

Co-op Tr Serv Tr 694
(4.10.0)

55, 859

Sci - Min/met
Nov 57

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Investigation of the Wear of Blast Furnace Bottoms and Choosing of Their Air Cooling System Design, by S. M. Andon'ev, et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 8, 1957, pp 685-691.

*DSIR/TCL 107

Sci - Engr

Co-op Tr Scheme 584

Nov 58

52,021

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Smelting of Converter Steel at Top Blowing of Oxygen, by S. G. Afanas'ev, et al. UNCLASSIFIED

RUSSIAN, per, Stal', No 8, 1958, pp 693-701.

*DSIR/TCL 1.07

Sci - Min/Met Co-op Tr Scheme 572

Nov 58

82,022

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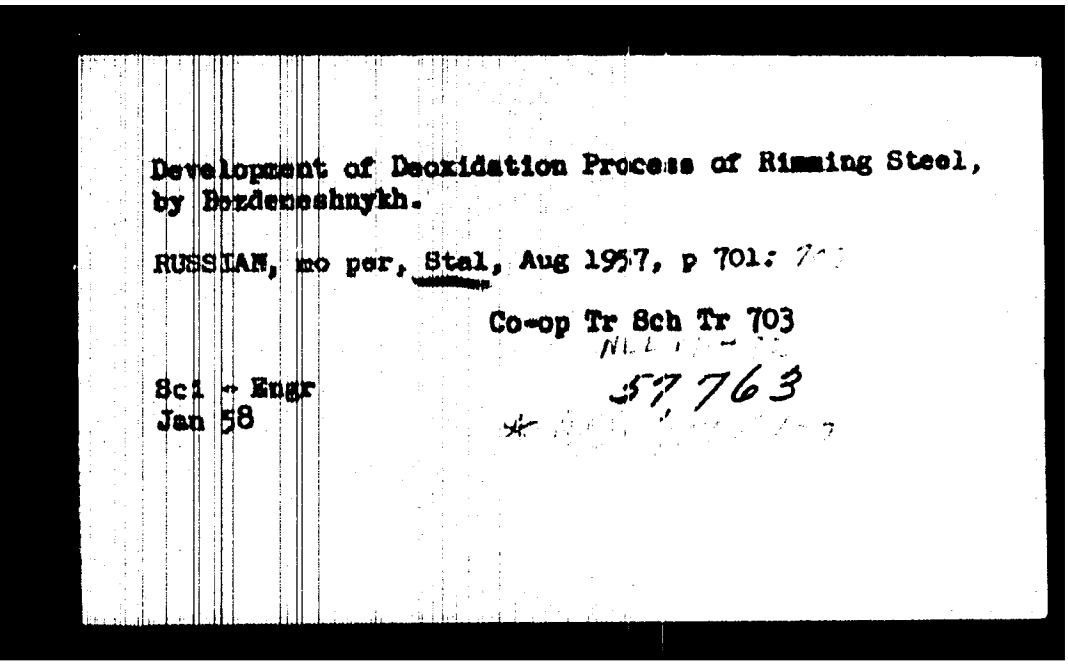

Development of Deoxidation Process of Rimming Steel, by Bozdeneshnykh.

RUSSIAN, mo per, Stal, Aug 1957, p 701: 7[illegible]

Co-op Tr Sch Tr 703

57763

8c1 - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Sulphur Exchange Between Gas Phase and Bath of a Bas. Open-Hearth Furnace, by Stupar.

RUSSIAN, no per, Stal, Aug 1957, p 707.-7[illegible]

Co-op Tr Sch Tr 705

Sci - Engr
Jan 58

57,766

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Application of the Exothermic Mixtures and Exothermic Extensions for Heating Ingot Heads, by Shimanov.

RUSSIAN, mo per, Stal', No 8, 1957, p 718.

NLL 17.3396
Co-op Tr Sch Tr 760

Sci - Engr
Feb 58

58,254

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Effect of the Shape of the Edges of Strip on the Welded Seam Strength of Tubes, by Tsygankov.

RUSSIAN, no per, Stal, Aug 1957, pp 728-730.

Co-op Tr Sch Tr 701

Sci - Engr
Jan 58

57,762

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Residual Stresses as the Main Cause of Swelling of Steel Bars After Cold Drawing, by M. M. Kobrin.

RUSSIAN, mo per, Stal', Vol XVII, No 8, 1957, p 754.

Brutcher Tr 4021
$1.90

Sci - Min/Met

Jan 58

57 380

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7

Blast-Furnace Operation at 1.1 Atm Top Gas Pressure, by Onoprienko, et al.

RUSSIAN, per, Stal, Sep 1957, pp 772-778.

Co-op Tr Sch Tr 718

57,947

Sci - Engr
Jan 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810046-7